

20000924.qrp v01_n954.qrl.20000924

Date: Sun, 24 Sep 2000 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1954

QRP-L Digest 1954

Topics covered in this issue include:

- 1) [80118] Re: HB - 455 KHz IFs transformers using toroids
by Slqghp@aol.com
- 2) [80119] Logbook for the field
by Pete Burbank <plburbank@kih.net>
- 3) [80120] Re: HB - 455 KHz IFs transformers using toroids
by Slqghp@aol.com
- 4) [80121] RE: HB - 455 KHz IFs transformers using toroids
by "Ed Tanton" <n4xy@att.net>
- 5) [80122] [FYI] WASSCO has Weller WTCPT on sale agn !
by "Michael Melland" <badger@vbe.com>
- 6) [80123] Riding the Flux update
by Kenneth Hoglund <hoglund@wfu.edu>
- 7) [80124] Re: HB - 455 KHz IFs transformers using toroids
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 8) [80125] VEC at Pacificon?
by "Bruce Prior" <n7rr@hotmail.com>
- 9) [80126] Re: HB - 455 KHz IFs transformers using toroids
by Slqghp@aol.com
- 10) [80127] AT: story and pics from VT AT op 9/22/00
by John Wagner <john@neknetwork.com>
- 11) [80128] GDO Manual / FAQ
by "Ed Tanton" <n4xy@att.net>
- 12) [80129] Wilderness SST-20 with Tick 1 keyer
by Dave Redfearn <n4elm@home.com>
- 13) [80130] OT - Ham radio in the classroom via internet
by n5ib@juno.com
- 14) [80131] Re: Riding the Flux update
by Erik Werner <ewerner@sprintmail.com>
- 15) [80132] Re: HB - 455 KHz IFs transformers using toroids
by "Mike Branca" <w3irz@att.net>
- 16) [80133] QRP - RTTY - DX
by Bill Jones <kd7s@psnw.com>
- 17) [80134] Brass Thin-Wall Hobby Tubing ??s
by "Chuck Carpenter" <w5usj@globeco.net>
- 18) [80135] QRO 10/20W amp for PSK-20
by Ken Hopper <khopper@uchicago.edu>
- 19) [80136] Found! -- Thin-Wall Tubing -- Thanks

by "Chuck Carpenter" <w5usj@globeco.net>
20) [80137] unsubscribe
by QCURZON@aol.com
21) [80138] RE: HB - 455 KHz IFs transformers using toroids
by "AI2Q Alex" <ai2q@ispchannel.com>
22) [80139] test2
by K9nk@aol.com
23) [80140] LDG tuner - opinions?
by "M0CQG" <m0cqg@dial.pipex.com>
24) [80141] Re: Brass Thin-Wall Hobby Tubing ??s
by W1R0@aol.com
25) [80142] Re: OT - Ham radio in the classroom via internet
by W1R0@aol.com
26) [80143] Re: Brass Thin-Wall Hobby Tubing ??s
by Nv4t@aol.com
27) [80144] unsubscribe
by James Braun <jbraun@localnet.com>
28) [80145] Re: [50mhz] Found! -- Thin-Wall Tubing -- Thanks
by "Rud Merriam" <rmerriam@usa.net>
29) [80146] list stuff/QRP-L web site
by John Wagner <john@neknetwork.com>
30) [80147] question about k1 band modules
by Gary Slagel <gdslagel@yahoo.com>
31) [80148] Re: wire/rope ant... need help
by "Bob Tellefsen" <n6wg@earthlink.net>
32) [80149] For Sale - St. Louis Vertical with SD-20 - 40-10 Mtr Coil - travel
bag
by K9nk@aol.com
33) [80150] Need Audio Oscillator schematic.
by "A Turner" <aturner13@triad.rr.com>
34) [80151] Re: Need Audio Oscillator schematic.
by "George, W5YR" <w5yr@att.net>
35) [80152] Don't Miss 10M!
by "John L. Sielke" <w2agn@pobox.com>
36) [80153] RE: Need Audio Oscillator schematic.
by "AI2Q Alex" <ai2q@ispchannel.com>
37) [80154] Re: [GQRP] What are these, please
by Euramcom <mel@euramcom.freemove.co.uk>
38) [80155] Re: question about k1 band modules
by KENNETH ROBERT MCGUIRE <at902@tcnet.org>
39) [80156] Re: question about k1 band modules
by DYARNES@aol.com
40) [80157] RE: Brass Thin-Wall Hobby Tubing ??s
by "Ed Tanton" <n4xy@att.net>
41) [80158] Radio Australia
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
42) [80159] FS - SWL 30+
by "BHUYCK" <BHUYCK@prodigy.net>

Date: Sat, 23 Sep 2000 19:06:30 EDT
From: Slqghp@aol.com
To: kd1jv@moose.ncia.net, qrp-1@lehigh.edu
Subject: [80118] Re: HB - 455 KHz IFs transformers using toroids
Message-ID: <bc.ab3898e.26fe9176@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 9/23/00 5:40:23 PM Eastern Daylight Time,
kd1jv@moose.ncia.net writes:

> Winding a 455Khz transformer would be a bit insane. You gotta have a
> junk AM transistor radio around somewhere you can steal one from..

Steve:

I only lay claim to "not being a danger to myself or others."

Building radios, when really great ones can be had at Ham Radio Outlet, could
also be said to be insane! :>)

72

Hap, WA3PTG

Wilmington DE

"Not a danger to himself or others."

Date: Sat, 23 Sep 2000 19:23:13 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [80119] Logbook for the field
Message-ID: <3.0.32.20000923192309.00a01cd4@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I was staring at the pile of extra "transaction registers" that
come with blank checks from the bank. Seems like I never use them all.
Then my massive brain realized that these would make cool portable
logbooks....just change the headers to time, call, QTH, name etc.
Fits nicely in the pocket too.

73 Pete NV4V

Date: Sat, 23 Sep 2000 19:22:12 EDT
From: Slqghp@aol.com
To: qrp-1@lehigh.edu
Subject: [80120] Re: HB - 455 KHz IFs transformers using toroids
Message-ID: <e0.a1568cb.26fe9524@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

It makes no sense to build a 455 KHz IF transformer using a toroid.
Ok, I accept that.
On the other hand, it would be a good learning experience. I recently wound a 1.4 mh choke on an FT37-43, it wasn't that difficult. The more I think about it, it makes as much sense as building and using a regen.

72
Hap, WA3PTG
Wilmington DE
"Not a danger to himself or others."

Date: Sat, 23 Sep 2000 19:31:17 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <Slqghp@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80121] RE: HB - 455 KHz IFs transformers using toroids
Message-ID: <CKEGICNFDIMCEKEDCEHFAEMKECAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

The sense of it depends on the circumstances. There are several good reasons you might not have or want to use an alternative transformer. The way to do it is to use TWO toroids, each resonated with it's own parallel cap, and a coupling cap between the two inductors. This is an excellent old boatanchor trick for when an IF transformer just isn't available. Do it right, and you can build it into the original IF can, and keep it's stock appearance.

73 Ed Tanton <n4xy@arrl.net>
website: <http://www.qsl.net/n4xy/>

Date: Sat, 23 Sep 2000 18:54:48 -0500
From: "Michael Melland" <badger@vbe.com>
To: <qrp-1@lehigh.edu>, <njqrp@njqrp.org>, <welecrafft@qth.net>
Subject: [80122] [FYI] WASSCO has Weller WTCPT on sale agn !
Message-ID: <000901c025b9\$aa24f4a0\$34824d40@badger>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those prospective builders looking for a good soldering station out there... I received a new Wassco catalog in todays mail and they are running a sale on the Weller WTCPT soldering station again until November 30. The regular price is \$136.00 and the sale price is \$89.99.

Catalog# WP2-02-18798, <http://www.wassco.com>, or 800-4492-7726.

Not connected with Wassco but this is a great price on a great soldering station..... got mine from Wassco about a year ago also on sale.

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA - Grid EN54pc
QRP-L #1656 - QRPARCI #9875

Date: Sat, 23 Sep 2000 20:11:22 -0400
From: Kenneth Hoglund <hoglund@wfu.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80123] Riding the Flux update
Message-ID: <39CD46AA.35E7D3FF@wfu.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The early bird definitely catches the worm, at least on ssb!

The shack is in my son's bedroom, and after impatiently waiting for him to show signs of life I gave up and slithered in around 1230 UTC, put on the headphones, and listened to 10 meters. There were Scandinavians everywhere! I couldn't resist, and began calling my sign to them, talking to Finland, then Sweden, then Denmark. Of course, I was "59" all the time, but only one station had to request "Call again" to my 5 watts, so maybe?...

In the middle of North Sea fishing, had a leisurely qso with Vas LZ2WM in Bulgaria, and he gave me a 55, probably the only honest signal report of the day. Could only stay on the air for about an hour, but it was very productive.

By late afternoon (1900) when I had planned a more sustained attack, the Scandinavians were fading, and the background noise had increased. Called cq numerous times with no takers, cruised about trying to connect with DXpeditions and other contests but the best I got was "Sorry I can't catch your call." And most disappointing, didn't hear any other qrp ops calling.

Equipment is pretty basic: Kenwood TS-180S into a homebrew attic dipole, powered down to 5 watts. And I did have to make sure the mike gain was turned up--haven't used it for a bit.

Paul Harden was right on the money--10m was great, this morning that is. I've already warned the kid I'll be mumbling into the mike at daybreak tomorrow am.

73's

Ken KG4FGC

Date: Sun, 24 Sep 2000 10:33:18 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80124] Re: HB - 455 KHz IFs transformers using toroids
Message-ID: <39CD4BCE.6EE7C4B0@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Slqghp@aol.com wrote:

> It makes no sense to build a 455 KHz IF transformer using a toroid.
> Ok, I accept that.
> On the other hand, it would be a good learning experience. I recently wound
> a 1.4 mh choke on an FT37-43, it wasn't that difficult. The more I think
> about it, it makes as much sense as building and using a regen.

Sorry I must have missed the original post. Technically I can think of no reason for not using a toroid for an IFT. On balance of probability you would likely have a greater Qu particularly if you use litz wire. Unloaded Q and loaded Q are

often critical in these applications.

The design of IFT's is a topic I have always found particularly fascinating.

Anyone really interested in this topic should look at my pages, in particular:

<http://www.electronics-tutorials.com/filters/if-amplifier-filters.htm>

FYI

Ian Purdie

"The world is round but at the Olympics - 'Down Under' is always on top"

URL - <http://www.electronics-tutorials.com/>

Date: Sun, 24 Sep 2000 01:09:24 GMT
From: "Bruce Prior" <n7rr@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [80125] VEC at Pacificon?
Message-ID: <F100IhCzIS6BcTeJ5Gw00002bab@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Hi Gang --

My wife Margaret KD7CEL would like to come to Pacificon, but it conflicts with our local VEC schedule and she's studying hard to upgrade from Novice to Technician. Will there be license exams at Pacificon or nearby? Thanks and 72,
Bruce Prior N7RR in Blaine, WA

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Share information about yourself, create your own public profile at <http://profiles.msn.com>.

Date: Sat, 23 Sep 2000 21:14:55 EDT
From: Slqghp@aol.com
To: n4xy@arrl.net, qrp-l@lehigh.edu
Subject: [80126] Re: HB - 455 KHz IFs transformers using toroids
Message-ID: <ea.b212912.26feaf8f@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Ed:

Sounds like an interesting idea.

It seems like I woke everyone up with my "I wonder..." message. I have a lot of reading to do now. Thanks to all who responded.

Hap

In a message dated 9/23/00 8:11:24 PM Eastern Daylight Time, n4xy@att.net writes:

> he sense of it depends on the circumstances. There are several good reasons
> you might not have or want to use an alternative transformer. The way to do
> it is to use TWO toroids, each resonated with it's own parallel cap, and a
> coupling cap between the two inductors. This is an excellent old boatanchor
> trick for when an IF transformer just isn't available. Do it right, and you
> can build it into the original IF can, and keep it's stock appearance.
>

Date: Sat, 23 Sep 2000 21:15:52 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80127] AT: story and pics from VT AT op 9/22/00
Message-ID: <39CD55C8.D9B28379@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy gang,

On 9/22/00 a co-worker (Tim N1RZ) and I (John KB1ENS) activated the Appalachian trail just outside of Norwich, VT at approx 2100Z. Another co-worker (Charlie, no call - we're working on him) went with us to show us where the trail was. If you want to skip the story, Tim put up a web page with some pictures at: <http://timhavens.com/n1rz/> - I sent him the logs tonight, so they should be posted there soon as well.

On to the story, but first, a little background...

Tim lives in New Hampshire, I'm in Vermont on the Canadian border. Both of us work for the same company and tele-commute most of the time. We meet up and car pool when we go into the office. Tim is an extra class and has been licensed much longer than I. He's been

fairly inactive on the radio for many years. I'm a wet behind the ears newbie licensed 10 months ago. Although Tim doesn't operate much, his CW skills are pretty impressive. He's also very knowledgeable having worked for a cell phone company for many years installing equipment. I've been trying to get him to operate more and get him interested in QRP. I think this little outing helped (more on that later)...

We set out from Lebanon, NH about 4:15pm and followed Charlie through Hannover, crossing the VT/NH border on a bridge that happens to be part of the Appalachian trail. A short ways into Norwich we made a left and drove about 2 miles straight up hill. We were at 941ft (Tim brought along a GPS). We parked the car and unpacked the gear - that's when I realized I forgot to bring rope/string/anything to tie an antenna up with (I did bring the antennas though!). Strike one.

We set off down the trail and found a nice spot to operate about 100 yards in. The first antenna up was a too-short-to-really-work well 80 meter dipole. We tied the ends up as high as possible; sort of up the side of an embankment and over the valley we were in to the other side. It was probably 10 feet high at best.

Then it was time for "real" 40 meter dipole - it was made out of computer ribbon cable as was the feedline. We tied one end up in a similar fashion to the 80 meter antenna just when I discovered I did have a 20 feet length of nylon cord. I tied the cord to the other end of the dipole and strung it over a high branch. I proceeded to hoist the antenna and just as it neared the point where I wanted it, something snapped and the whole thing came down. Strike two. The antenna had broke right at the point where the feedpoint meets the leg. No, I didn't bring a soldering iron. OK, strip a little wire on both sides, wrap 'em together real tight, wrap with tape - voila, one slightly lopsided dipole. String it back up.. LET'S GET ON THE AIR!

Tim had the SW-80+ setup and tuned but was not hearing anyone (bad time for 80m). I went to work hooking up my pepper can SMK-1 (with NB6M's 5w mod) run through the Norcal BLT tuner. My keyer is tick-1 mounted in a RS enclosure with a set of PC board paddles screwed in the top. Here is a shot of me operating on the trail with it:
<http://timhavens.com/n1rz/kblens-40m-AT-Norwich-VT-200009221715.jpg>

Up first was Ron WB3AAL who I've worked before. Ron was on the AT trail himself in PA - so it was really exciting to have our first QSO be a trail-to-trail contact! Ron asked to work Tim, so I handed the paddles over to Tim who didn't realize Ron was on the trail at first. Tim yelled out about halfway through "hey, he's on the Appalachian Trail too!!!!" - I think that's when he got hooked! :) After Tim signed with Ron, he pulled the headset off and said "Holy smokes,

it sounds like a DX pileup!" The SMK rcvr is pretty wide and we had trouble making out the calls. Tim ran a couple more QSO's and handed the paddles back. I made a total of six QSO's, worked Ron one more time from his home and Ken N2CQ who I also worked before when he was on the trail a couple weeks ago.

We made a total of nine quality QSO's from the AT in VT on 40m. 80m started to open at just as we were leaving and Tim copied a VE1 station for a while. Our antenna situation was less than optimal, but we still managed. A little better planning for next time, an earlier start and I think we'll be all set. I also plan to build that K-1 I'm begging my wife for this winter. ;)

I also got a great email from Tim today saying that he's going to build a QRP rig so we can do this more often - hooked him! He was amazed the SMK-1 performed so well (If you haven't done the 5w mod, I highly recommend it).

Thanks to everyone we worked from the trail. If you called and we didn't answer, sorry. We plan to do this again (hopefully once this year before the snow flies). 73/72,

John, KB1ENS
Holland, VT

Date: Sat, 23 Sep 2000 21:20:58 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "CW Reflector" <cw@qth.net>, "Antennas Reflector" <antennas@qth.net>
Subject: [80128] GDO Manual / FAQ
Message-ID: <CKEGICNFDIMCEKEDCEHFOEMPECAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There were several requests for a Grid Dip Meter FAQ. I have placed all of the manual for the B&W 600 Grid Dip Meter on my GDO page:
<http://www.qsl.net/n4xy/gdos.html> . It is in Adobe Acrobat .pdf format. Alternatively, you may download this manual, and many others from the BAMA archive at: <ftp://bama.sbc.edu/downloads/> . This manual contains a very good APPLICATIONS section, that should serve well for anyone needing information on using a Grid Dip meter.

73 Ed Tanton <n4xy@arrl.net>

Ed Tanton N4XY
189 Pioneer Trail
Marietta, GA 30068-3466

website: <http://www.qsl.net/n4xy/>

Date: Sat, 23 Sep 2000 20:23:52 -0500
From: Dave Redfearn <n4elm@home.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80129] Wilderness SST-20 with Tick 1 keyer
Message-ID: <39CD57A7.37731586@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For Sale:

Wilderness Radio SST-20 HF transceiver

Covers +/- 14.060 or so, about 2 watts output
with Tick 1 keyer mounted on case top.

Built, used, working in good condition.

\$100.00 OBO

73 - Dave

=====
Dave Redfearn, ARS N4ELM, McKinney, TX
Email: n4elm@NOJUNKhome.com (to reply, remove NOJUNK)
QRL? de N4ELM/qrp

Date: Sat, 23 Sep 2000 21:59:16 EDT
From: n5ib@juno.com
To: qrp-1@Lehigh.edu
Subject: [80130] OT - Ham radio in the classroom via internet
Message-ID: <20000923.205354.4663.4.N5IB@juno.com>

Here at LSU I'm involved in a project to bring ham radio to school

classrooms by several means.

One in particular is to allow kids to listen to telemetry signals from ham satellites - learning about orbits, tracking, telemetry, doppler shift, etc.

What I'd like to be able to do is put live received audio from the birds on the net so the kids can access from their classrooms. Ultimately I'd like them to be able to tune the Rx remotely via the net. So they can figure out the time of the pass, tune to the proper frequency, and listen to the bird.

We already are set up to put pre-recorded audio files (as .wav or .ra) on our web site that the kids can practice analyzing. But there's nothing that beat live, right now.

The Rx gear and antennas will be located at our public observatory in Baton Rouge. Plans are to have a full ham station there - 160 thru UHF - with W5YW as the call (LSU club station) It will be a resource for the schools to use with SAREX and the ISS ham facilities.

So, I'm soliciting ideas and suggestions concerning audio formats, servers, software, hardware, etc. We actually have a fairly generous budget to buy ham gear - tough duty, but I'm not afraid :^)

72

Jim, N5IB and trustee of W5YW (LSU club)
Baton Rouge, LA
Home: n5ib@juno.com LSU: giamman@rouge.phys.lsu.edu
web page: <http://www.qsl.net/n5ib>

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<http://dl.www.juno.com/get/tagj>.

Date: Sat, 23 Sep 2000 22:02:37 -0400
From: Erik Werner <ewerner@sprintmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80131] Re: Riding the Flux update
Message-ID: <3.0.1.32.20000923220237.007d0d80@sprintmail.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

About 1400UTC I also started to answer the calls of the Scandinavians on 10. Nothing but 59's.. one of the operators when I signed with QRP stopped himself and said "WHAT?! You're QRP??" Told him I was putting out 4-5W measured. Oh, and with an indoor dipole stapled to the rafters of the attic.

Erik
KD5CTJ

At 08:11 PM 9/23/00 -0400, Kenneth Hoglund wrote:

>The early bird definitely catches the worm, at least on ssb!

>

>The shack is in my son's bedroom, and after impatiently waiting for him
>to show signs of life I gave up and slithered in around 1230 UTC, put on
>the headphones, and listened to 10 meters. There were Scandinavians
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>very productive.

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>Scandinavians were fading, and the background noise had increased.
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>can't catch your call." And most disappointing, didn't hear any other
>qrp ops calling.

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>powered down to 5 watts. And I did have to make sure the mike gain was
>turned up--haven't used it for a bit.

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>Paul Harden was right on the money--10m was great, this morning that is.
>I've already warned the kid I'll be mumbling into the mike at daybreak
>tomorrow am.

>

>73's

>

>Ken KG4FGC

>

>

>

>

Date: Sat, 23 Sep 2000 18:27:35 -0500
From: "Mike Branca" <w3irz@att.net>
To: <qrp-1@Lehigh.EDU>
Subject: [80132] Re: HB - 455 KHz IFs transformers using toroids
Message-ID: <011501c025dc\$ed2176c0\$b7084d0c@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Hap and all. The FT37-43 won't do it for two reasons. First you couldn't get enough wire thru it to get enough inductance and second the Q of 43 material is so low that you would be better off using a resistor. I found this out when winding 160 meter coils for the Georgia Sierra. I could get the inductance but the Q was so low that it wouldn't tune.

The advice others have provided is good, use it.

Mike W3IRZ in Conyers Georgia

Date: Sat, 23 Sep 2000 22:24:29 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [80133] QRP - RTTY - DX
Message-ID: <39CD900D.89E5846D@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I jumped into the midst of the RTTY contest this weekend and was rewarded with some serious DX. Among the stations worked were:

JT1LET
PJ2MI
ZL2AMT
EA7FTR
HC1JQ
AH8LQ
P43P

and a VR2 in Hong Kong.

Not bad for 5 watts to a vertical.

Date: Sun, 24 Sep 2000 04:51:23 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>

To: qrp-l@Lehigh.EDU, 50mhz@6mt.com, vhf@w6yx.stanford.edu
Subject: [80134] Brass Thin-Wall Hobby Tubing ??s
Message-ID: <3.0.2.32.20000924045123.006a0e80@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Folks,

A few years ago when I was in a Michael's store, I saw a rack of hobby stuff that included small diameter brass tubing of various sizes. At that time, the store had a model train, car, and plane section. They don't seem to have this department now.

Anyone know of a source for the tubing?

I would like to find some of this tubing to make a gamma matching section for V/UHF antennas.

Any comments and suggestions greatly appreciated.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Sun, 24 Sep 2000 07:24:49 -0500
From: Ken Hopper <khopper@uchicago.edu>
To: QRP-L <qrp-l@Lehigh.EDU>, psk31 reflector <psk31@qth.net>, N2TY PSK31 reflector <psk@n2ty.org>
Subject: [80135] QRO 10/20W amp for PSK-20
Message-ID: <39CDF291.BBA6A1F0@uchicago.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Travis K5AVH and others have been enjoying the Ramsey QAMP-20 as an added bit of punch for their PSK-20 kits. Read all about it at <http://home.uchicago.edu/~khopper/k5avh.html> Building the QAMP has not gone all that smoothly for some builders. Check out the tips and tricks to give it a new heatsink, better cooling, and xfrms that don't short out. They seem to be working reliably after these mods.

I wish to thank Travis for his generous contribution of pictures, text, and editing for this webpage. It was my pleasure to meet him on PSK31 Saturday and to learn about the QAMP-20.

dit dit
de Ken N9VV (solder melter and webpage hacker)

<n9vv@arrl.net> <http://www.qsl.net/n9vv/>

Date: Sun, 24 Sep 2000 08:19:50 -0500
From: "Chuck Carpenter" <w5usj@globeco.net>
To: qrp-l@Lehigh.EDU, 50mhz@6mt.com, vhf@w6yx.stanford.edu
Subject: [80136] Found! -- Thin-Wall Tubing -- Thanks
Message-ID: <3.0.2.32.20000924081950.006aa1a4@mail.globeco.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to the many who replied. Lots of useful information and resources.

Interesting though,

I live in the country and the closest big city is about 50 miles and bigger cities about 70 miles. The yellow pages where I live do not have any entries for hobby or anything close. A couple of small cities are closer but no hobby info I could find. When I ask in the hardware stores in the area, they don't know what I'm talking about.

I was looking for a place I could order from the web or mail and many of the replies included such sources

I did find some web pages and the tubing is listed. But the shipping would cost more than the tubing.

Guess I'll have to make a trip to the city which will also cost more than the tubing 8^)...

Thanks again, and I appreciate all the replies and comments.

Chuck Carpenter, EM22cv, Point, Rains County, Texas

Date: Sun, 24 Sep 2000 10:31:51 EDT
From: QCURZON@aol.com
To: qrp-l@lehigh.edu
Subject: [80137] unsubscribe
Message-ID: <8f.ec0fef.26ff6a57@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Date: Sun, 24 Sep 2000 10:32:23 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <n4xy@att.net>
Cc: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [80138] RE: HB - 455 KHz IFs transformers using toroids
Message-ID: <000101c02634\$41bc7ac0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

If you use two separate tuned circuits, and couple them as suggested, you can also vary the passband response by using a variable capacitor as the coupling element. I did that on my 20 meter QRP sideband transceiver, and it works FB. If you can sweep the 455 kHz IF, you can adjust the passband response by watching a scope as you tweak the value of the coupling cap.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Ed Tanton
Sent: Saturday, September 23, 2000 7:31 PM
To: Low Power Amateur Radio Discussion
Subject: RE: HB - 455 KHz IFs transformers using toroids

The sense of it depends on the circumstances. There are several good reasons you might not have or want to use an alternative transformer. The way to do it is to use TWO toroids, each resonated with it's own parallel cap, and a coupling cap between the two inductors. This is an excellent old boat anchor trick for when an IF transformer just isn't available. Do it right, and you can build it into the original IF can, and keep it's stock appearance.

73 Ed Tanton <n4xy@arrl.net>

website: <http://www.qsl.net/n4xy/>

Date: Sun, 24 Sep 2000 10:56:43 EDT
From: K9nk@aol.com
To: <qrp-l@lehigh.edu>
Subject: [80139] test2

Message-ID: <25.b276999.26ff702b@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

test2 - thanks - K9NK

Date: Sun, 24 Sep 2000 16:41:26 +0100
From: "M0CQG" <m0cqg@dial.pipex.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [80140] LDG tuner - opinions?
Message-ID: <002901c0263e\$144d1e00\$c64495c1@UKsolstf56>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all

I just purchased an LDG Z11 auto-tuner kit while at a hamfest yesterday, and wondered whether anyone on the list has one of these? If so, I'd be interested to know what your opinions are on its performance. Also, if you built the kit version, were there any construction problems you came up against?

Any comments would be much appreciated.

Thanks & 73

Mike
M0CQG

Date: Sun, 24 Sep 2000 11:54:12 EDT
From: W1R0@aol.com
To: w5usj@globeco.net, qrp-l@lehigh.edu
Subject: [80141] Re: Brass Thin-Wall Hobby Tubing ??s
Message-ID: <52.1097a0f.26ff7da4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Try Hobbytown had it last time I was there. If you don't have a local

Hobbytown you can go to hobbytown.com
72
Jim
W1R0/7
Lost in Vegas

Date: Sun, 24 Sep 2000 12:07:51 EDT
From: W1R0@aol.com
To: n5ib@juno.com, qrp-1@lehigh.edu
Subject: [80142] Re: OT - Ham radio in the classroom via internet
Message-ID: <dd.9f6c50f.26ff80d7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Don't know where the audio files are but someone out there has remote tuning of HF receivers. This allows you to see what propagations is like in their part of the world. You can even check to see if your signal is getting there. You might contact "Squeak" at the Amateur Electronic store in Las Vegas, NV for the site location.
If they need to see some other type of ham activity check out findu.com for APRS stations locations. Many are QRP from Las Vegas due to the LVRA Club assembling 8 handie talkie 5 watts portable units.
Good luck

Date: Sun, 24 Sep 2000 12:20:24 EDT
From: Nv4t@aol.com
To: w5usj@globeco.net, qrp-1@lehigh.edu
Subject: [80143] Re: Brass Thin-Wall Hobby Tubing ??s
Message-ID: <37.a9549c6.26ff83c8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

A good hobby shop should still carry it, but they are few and far between these days. You might try "Tower Hobbies" in Illinois (<http://www.towerhobbies.com>)

Good luck, Bill nv4t

Date: Sun, 24 Sep 2000 12:55:16 -0400
From: James Braun <jbraun@localnet.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80144] unsubscribe
Message-ID: <39CE31F3.A5CCAD6A@localnet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Date: Sun, 24 Sep 2000 12:00:30 -0500
From: "Rud Merriam" <rmerriam@usa.net>
To: "Chuck Carpenter" <w5usj@globeco.net>, <qrp-1@Lehigh.EDU>, <50mhz@6mt.com>, <vhf@w6yx.stanford.edu>
Subject: [80145] Re: [50mhz] Found! -- Thin-Wall Tubing -- Thanks
Message-ID: <002301c02648\$f2316c80\$d200a8c0@sisyphus>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Look at <http://micromark.com/>.

Rud Merriam
KD5DTV

----- Original Message -----
From: "Chuck Carpenter" <w5usj@globeco.net>
To: <qrp-1@Lehigh.EDU>; <50mhz@6mt.com>; <vhf@w6yx.stanford.edu>
Sent: Sunday, September 24, 2000 8:19 AM
Subject: [50mhz] Found! -- Thin-Wall Tubing -- Thanks

> Thanks to the many who replied. Lots of useful information and resources.
>
> Interesting though,
>
> I live in the country and the closest big city is about 50 miles and
> bigger
> cities about 70 miles. The yellow pages where I live do not have any
> entries for hobby or anything close. A couple of small cities are closer
> but no hobby info I could find. When I ask in the hardware stores in the
> area, they don't know what I'm talking about.
>
> I was looking for a place I could order from the web or mail and many of

> the replies included such sources
>
> I did find some web pages and the tubing is listed. But the shipping
would
> cost more than the tubing.
>
> Guess I'll have to make a trip to the city which will also cost more than
> the tubing 8^)...
>
> Thanks again, and I appreciate all the replies and comments.
>
>
> Chuck Carpenter, EM22cv, Point, Rains County, Texas
>
> ----
> Visit the Six Club web page at: <http://6mt.com/club.htm>
> ----
> Submissions: 50mhz@6mt.com
>
> to unsubscribe mail to: majordomo@6mt.com
> (In message) unsubscribe 50mhz
>
>

Date: Sun, 24 Sep 2000 13:21:13 -0400
From: John Wagner <john@neknetwork.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80146] list stuff/QRP-L web site
Message-ID: <39CE3809.9D30A5ED@neknetwork.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

I've noticed a couple of "unsubscribe" notices sent to the list. I'm fairly certain they won't work unless Jim grabs them and manually unsubscribes people or the list software filters messages for things that look like administravia.

QRP-L has a web site at: <http://qrp.lehigh.edu/lists/qrp-l/> - on it there is a page with the commands to join/postpone/unsubscribe to the list. This page is at: <http://qrp.lehigh.edu/lists/qrp-l/join.html>

While we're on the subject of the QRP-L website, I would again like to

solicit articles from you folks to post there. There is a listing of articles at: <http://qrp.lehigh.edu/lists/qrp-l/articles.html> as well as submission guidelines. Contact me via direct email if you need further info.

Tnx es 72,

John, KB1ENS
QRP-L WebMaster

Date: Sun, 24 Sep 2000 10:20:55 -0700 (PDT)
From: Gary Slagel <gds slagel@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [80147] question about k1 band modules
Message-ID: <20000924172055.27736.qmail@web214.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am curious about how difficult it is to change the band module in the K1. I realize that its not like the Sierra, all set up to change band is a few seconds.

But.... is the kind of thing you could do in the field at all? So I might have a 15/20 module for use in the day and a 30/40 module for use in the evening? Whats involved in the change, loosen a couple screws and slap a new one in? or is there an alignment process that has to occur?

Thought this might be a good question for all you lucky field testers out there.

=====

Gary Slagel/N0SXX
Conifer, CO 80433
gds slagel@yahoo.com
Personal Website: <http://marina.fortunecity.com/sanpedro/351>

Do You Yahoo!?
Send instant messages & get email alerts with Yahoo! Messenger.
<http://im.yahoo.com/>

Date: Sun, 24 Sep 2000 10:25:01 -0700
From: "Bob Tellefsen" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [80148] Re: wire/rope ant... need help
Message-ID: <005801c0264c\$655345a0\$8fd1fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Joel

I'm already doing approximately what you propose.

The antenna system here is two 55 ft dipoles, slightly inverted vee shaped, each fed with 450 ohm feeders. Each feeder has its own tuner in the shack to present a 50 ohm load to my antenna phasing network.

Works great on 20m and pretty good on 40m.

Most of what you will find written about phasing refers to vertical antennas. However, phasing dipoles works just fine also.

73, Bob N6WG

Date: Sun, 24 Sep 2000 13:38:34 EDT
From: K9nk@aol.com
To: qrp-1@lehigh.edu
Subject: [80149] For Sale - St. Louis Vertical with SD-20 - 40-10 Mtr Coil - travel bag
Message-ID: <41.13cc800.26ff961a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

FS - St. Louis Vertical. Includes the SD-20 pole and the W6MMA 40-10 mtr Coil. Works great! -- Price \$75 and I will pay for USPS Shipping.

I have a brand new snow board bag that holds the St. Louis Vertical and there is plenty of room to store a rig and any other accessories. You can even place a lock on the zipper if you are traveling with it. It has never been used - Bought it for \$50 and will sell it with the SLV for only \$15

Please email to: k9nk@aol.com

Date: Sun, 24 Sep 2000 13:44:02 -0400
From: "A Turner" <aturner13@triad.rr.com>
To: <qrp-l@lehigh.edu>
Subject: [80150] Need Audio Oscillator schematic.
Message-ID: <00cf01c0264f\$06af5680\$a4611e01@triad.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I am looking for schematic for a tone generator and would like to know how critical it is that the output be a sine wave. Most of them that I'm looking at are square wave or triangular. I want to use it for general purpose testing and trouble shooting of audio amps and filters.

I would also appreciate any ideas that you might have that are tried and proven .
Thanks
Alex,N4BYJ

Date: Sun, 24 Sep 2000 12:46:35 -0500
From: "George, W5YR" <w5yr@att.net>
To: aturner13@triad.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [80151] Re: Need Audio Oscillator schematic.
Message-ID: <39CE3DFB.CB824271@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Depends upon what signal waveform and harmonic content you want.

Sinewave generators are essentially single-frequency output devices.
Other wave forms will contain harmonics and will sound much different.

There are good uses for each waveform type so there is no universal tone generator for all purposes. Most commercial devices offer sine, square, and triangular waveform output.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!

Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

A Turner wrote:

>
> I am looking for schematic for a tone generator and would like to know how
> critical it is that the output be a sine wave. Most of them that I'm looking
> at are square wave or triangular. I want to use it for general purpose
> testing and trouble shooting of audio amps and filters.

Date: Sun, 24 Sep 2000 13:57:35 -0400 (EDT)
From: "John L. Sielke" <w2agn@pobox.com>
To: qrp-1@lehigh.edu
Subject: [80152] Don't Miss 10M!
Message-ID: <XFMail.000924135735.w2agn@pobox.com>
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
MIME-Version: 1.0

If you are mowing the lawn, cleaning, buiding a kit, STOP! Fire up on 10M.
Haven't heard it this good for a long time. Working everything I can hear on 10
CW with the K2. Even fired up the old HTX-100 on CW for a few qsos.

Don't miss out on the fun!

/ \ / \ / \ / \ / \ John L. Sielke w2agn@pobox.com w2agn@qsl.net
(W | 2 | A | G | N) NJ Grid:FM29LN <http://www.qsl.net/w2agn>
_ / _ / _ / _ / _ / NJ-QRP #57 QRP-L #884 QRP-ARCI ARQrp #86
X-N4JS, W4MPC, W7JEF, K3HLU G-QRP #9544 NorCal CQC AKQRP QCWA FISTS #2781
fpQRP #121 SOC #390 Elecraft K2 #00023

Date: Sun, 24 Sep 2000 14:25:22 -0400
From: "AI2Q Alex" <ai2q@ispchannel.com>
To: <w5yr@att.net>
Cc: "QRP-L (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [80153] RE: Need Audio Oscillator schematic.
Message-ID: <000101c02654\$cd87a0a0\$5c32a7d0@ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

>There are good uses for each waveform type so there is no universal tone generator for all purposes.

Couldn't agree more.

A sinewave is great for general-purpose audio testing, but a squarewave will tell a lot more about a circuit's performance---if you have an oscilloscope to observe the output of the audio stage-under-test with. I have a photo/drawing somewhere of the distortion effects to a squarewave, and what the particular type of squarewave distortion means. Maybe someone on the list knows where that is on the Web (?)

I use an old Heathkit sine-square generator, but the MITS-types are occasionally seen at flea markets for next-to-nothing. It's an 8048-based design (not the microcontroller, but the audio chip). The MITS box also generates pulses and sawtooth waves.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L 687 .-.-.

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of George, W5YR

Sent: Sunday, September 24, 2000 1:47 PM

To: Low Power Amateur Radio Discussion

Subject: Re: Need Audio Oscillator schematic.

Depends upon what signal waveform and harmonic content you want.

Sinewave generators are essentially single-frequency output devices. Other wave forms will contain harmonics and will sound much different.

There are good uses for each waveform type so there is no universal tone generator for all purposes. Most commercial devices offer sine, square, and triangular waveform output.

72/73, George W5YR - the Yellow Rose of Texas
Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 55th year and it just keeps getting better!
Icom IC-756 PRO #02121 (9/00) Kachina #91900556 (12/99) IC-765 (6/90)

A Turner wrote:

>

> I am looking for schematic for a tone generator and would like to know how
> critical it is that the output be a sine wave. Most of them that I'm
looking
> at are square wave or triangular. I want to use it for general purpose
> testing and trouble shooting of audio amps and filters.

Date: Sun, 24 Sep 2000 19:29:25 +0100
From: Euramcom <mel@euramcom.freemove.co.uk>
To: <ted.williams@btinternet.com>
Cc: <qrp-1@lehigh.edu>
Subject: [80154] Re: [GQRP] What are these, please
Message-ID: <E13dGjV-0001pL-00.2000-09-24-19-42-37@mail2.svr.pol.co.uk>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

On Sat, 23 Sep 2000 12:16:03 +0100, Ted Williams wrote:

>----- eGroups Sponsor=

>~~~>
>GET A NEXTCARD VISA, in 30 seconds! Get rates
>as low as 0.0% Intro APR and no annual fee!
>Apply NOW!
>http://click.egroups.com/1/9332/6/_/465062/_/969722618/
>-----=

>_->
>
>Hi Folks,
>
>I've been sorting through some of my stuff and discovered an
>envelope with
>50 or so transistor-like objects (like plastic T092, with 3=
leads).
>
>They are coded ME 0404-2
>
>Can anybody help me in identifying these beasts? I may be=
sitting on
>a
>fortune;-)
>
>72/73 Ted GOULL

>
>
>=3D=3D=3D Via the mailing list of the GQRP Club <http://www.gqrp.com>=
=3D=3D=3D

Hi Ted,

Your lottery winning transistors are otherwise known as:

BC291A,BFR81,BFX30, 40362, or 2N2907's Made by Micro Electronics=

Corp.and are listed as high speed switching transistors. Sorry,=
have
no pinout or fT or any other info.

Regards

Mel

--72 and 73 de Mel Evans, e-mail mel@euramcom.freeserve.co.uk

Mel Evans GM6JAG Edinburgh Scotland
Home of the last HW9

Visit <http://www.euramcom.freeserve.co.uk> for
US Euro Ham Radio Equivalent Parts and info,
Add-a-Link page let's you add your own pages instantly

Date: Sun, 24 Sep 2000 14:50:47 -0400 (EDT)
From: KENNETH ROBERT MCGUIRE <at902@tcnet.org>
To: Gary Slagel <gds slagel@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [80155] Re: question about k1 band modules
Message-ID: <Pine.LNX.4.21.0009241444310.31617-1000000@hendryx.tcnet.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 24 Sep 2000, Gary Slagel wrote many interesting questions, which I know nothing about...

> But.... is the kind of thing you could do in the field
> at all? So I might have a 15/20 module for use in the
> day and a 30/40 module for use in the evening?

I have a further question. Say I get the 40/20 version now. Are they on two SEPARATE band modules, or is it one module with two bands? In other words, if I get the 30/15 version later, would I be able to set the rig up for 20 and 15 simultaneously, or would I be stuck with 40 & 20 OR 30 & 15?

Ken McGuire
KC8LTL in EN74cp
at902@tcnet.org

Date: Sun, 24 Sep 2000 16:22:58 EDT
From: DYARNES@aol.com
To: at902@tcnet.org, qrp-l@lehigh.edu
Subject: [80156] Re: question about k1 band modules
Message-ID: <e0.a1c8013.26ffbca2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 9/24/00 11:57:43 AM US Mountain Standard Time,
at902@tcnet.org writes:

<< I have a further question. Say I get the 40/20 version now. Are they on two SEPARATE band modules, or is it one module with two bands? >>

I sort of asked the same questions when I talked to Eric at Elecraft a while back. They probably need to respond to your question, and I'm sure they will, but since it's Sunday--they may be sleeping in!!!

As I recall, the answer was that the band modules come with 2 bands on each--20/40 on one, and 30/15 on the other. At first I thought you could pick any two bands, but I don't think that is how it works. It's not like the Sierra with individual band modules. Anyway, 20/40 was my what I wanted most so I didn't pursue it.

As to changeability, Eric says it's not all that involved but he just wanted to make sure people didn't think it was like "flipping a switch". Apparently the modules can be switched without too much difficulty, so yes, you could be using 30/15 during the day and 40/20 at night--or probably 5 minutes after the other for that matter; but they can't be used simultaneously.

Your best bet is to send an email to Eric -- eric@elecraft.com -- and I'm sure he will give you any info you need. It's going to be a great piece of gear!

72 de Dave W7AQK

Date: Sun, 24 Sep 2000 16:55:54 -0400
From: "Ed Tanton" <n4xy@att.net>
To: <w5usj@globeco.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [80157] RE: Brass Thin-Wall Hobby Tubing ??s
Message-ID: <CKEGICNFDIMCEKEDCEHFMEPDECAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Chuck... Small Parts, Inc. (<http://www.smallparts.com>) sells a variety of tools, nuts & bolts, and materials from sheet teflon to your brass tubing. Great people to deal with, and tools and stuff of the highest quality.

73 Ed Tanton <n4xy@arrl.net>

website: <http://www.qsl.net/n4xy/>

Date: Mon, 25 Sep 2000 07:33:11 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Flying Pigs <fpqrp-1@mpna.com>
Cc: Jack Roblin <wpc@west.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, SOC <soc@qth.net>
Subject: [80158] Radio Australia
Message-ID: <39CE7316.262D9617@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Folks,

I have had quite a number of requests for information on SW Olympics broadcasts, principally from baseball fanatics on the lists.

All I can unearth at the moment is this page:
<http://abc.net.au/ra/olympics/tunein.htm>

Check through the rest of that site for anything I may have missed.

Radio Australia's activities have been severely curtailed in recent

years in the name of the "holy budget dollar" so the coverage is not what it used to be. The principal transmitters and antenna farms were previously sold off amid great protest only to be leased back again during the Timor crisis last year - figures!

Another "official" site which may contain information (largely parochial)

<http://www.olympics.com.au/>

Hope this helps

Ian Purdie

"The world is round but at the Olympics - 'Down Under' is always on top"

URL - <http://www.electronics-tutorials.com/>

Date: Sun, 24 Sep 2000 16:32:33 -0500
From: "BHUYCK" <BHUYCK@prodigy.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [80159] FS - SWL 30+
Message-ID: <NDBBLNJFELBFIPKEIOHJMEDGDBAA.BHUYCK@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Too many radios here. Selling SWL30+ in SWL cabinet. BNC output, no mods to radio or case.
Shipped to CONUS for \$80

Bruce KS4V

End of QRP-L Digest 1954

